

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/05191

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 A61K31/4409 C07D413/04 C07D413/14 A61P29/00  
 //(C07D413/04,261:00,213:00),(C07D413/14,261:00,213:00,213:00)

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K C07D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 01 12621 A (BAKER CHRISTOPHER ;HARRINGTON EDMUND (US); BEMIS GUY (US); LEDEBOE) 22 February 2001 (2001-02-22) cited in the application table 5. example XIA-29 examples 17B,19	1,7,8
X	WO 95 13067 A (SMITHKLINE BEECHAM CORP ;ADAMS JERRY LEROY (US); GALLAGHER TIMOTHY) 18 May 1995 (1995-05-18) page 30, line 35 -page 37; examples 1-14 --- -/--	1,7,8

☒ Further documents are listed in the continuation of box C.☒ Patent family members are listed in annex.

## \* Special categories of cited documents:

- \*A\* document defining the general state of the art which is not considered to be of particular relevance
- \*E\* earlier document but published on or after the international filing date
- \*L\* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- \*O\* document referring to an oral disclosure, use, exhibition or other means
- \*P\* document published prior to the international filing date but later than the priority date claimed

- \*T\* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- \*X\* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- \*Y\* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- \*G\* document member of the same patent family

Date of the actual completion of the international search

27 November 2003

Date of mailing of the international search report

12/12/2003

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KRUM H: "New and emerging pharmacologic strategies in the management of chronic heart failure" CLINICAL CARDIOLOGY 2000 UNITED STATES, vol. 23, no. 10, 2000, pages 724-730, XP002263042 ISSN: 0160-9289 Fig.1, cytokine Antagonists, page 728 the whole document	8
A	EP 0 633 254 A (TAIHO PHARMACEUTICAL CO., LTD., JAPAN) 11 January 1995 (1995-01-11) page 3, line 15 -page 12, line 32	1,7,8
P,A	WO 02 083668 A (HARRINGTON EDMUND ; VERTEX PHARMA (US)) 24 October 2002 (2002-10-24) the whole document	1

**Box I Observations where certain claims were found unsearchable (Continuation of item 1 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  

**Although claim 9 relates to a method for treatment of the human or animal body, the search was carried out and was based on the stated effects of the compound or composition.**
2. ☐ Claims Nos.:  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box II Observations where unity of invention is lacking (Continuation of item 2 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- ☐ The additional search fees were accompanied by the applicant's protest.  
☐ No protest accompanied the payment of additional search fees.

## INTERNATIONAL SEARCH REPORT

International Application No.

PCT/EP 03/0191

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
WO 0112621	A	22-02-2001	AU 6909600 A	13-03-2001
			BR 0013551 A	17-06-2003
			CA 2381882 A1	22-02-2001
			CN 1378541 T	06-11-2002
			CZ 20020534 A3	17-07-2002
			EP 1218369 A1	03-07-2002
			HU 0300340 A2	28-06-2003
			NO 20020713 A	12-04-2002
			SK 3572002 A3	02-07-2002
			WO 0112621 A1	22-02-2001
			US 2003149051 A1	07-08-2003
			ZA 200201248 A	20-02-2003
			JP 2003531103 T	21-10-2003
WO 9513067	A	18-05-1995	EP 1306377 A2	02-05-2003
			EP 0727998 A1	28-08-1996
			JP 9505055 T	20-05-1997
			WO 9513067 A1	18-05-1995
			US 6288062 B1	11-09-2001
			US 2002169173 A1	14-11-2002
EP 0633254	A	11-01-1995	AU 658629 B2	27-04-1995
			EP 0633254 A1	11-01-1995
			US 5399577 A	21-03-1995
			AU 1740592 A	21-12-1992
			CA 2102209 A1	02-11-1992
			WO 9219604 A1	12-11-1992
			KR 138498 B1	15-05-1998
WO 02083668	A	24-10-2002	WO 02083668 A1	24-10-2002